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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<b>Attorney Docket No.</b> PS952	
		<b>First Inventor</b> Craig A. Rosen	
		<b>Title</b> 379 Human Secreted Proteins	
		<b>Express Mail Label No.</b>	

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages] 2435 [ ]</span> <small>(preferred arrangement set forth below)</small> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets] [ ] [ ]</span></p> <p>5. <input checked="" type="checkbox"/> Unexecuted Oath or Declaration <span style="float: right;">[Total Sheets] 1 [ ]</span> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input checked="" type="checkbox"/> CD-ROM or CD-R (1 copy); and ii. <input checked="" type="checkbox"/> Paper (1520 pps) c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</p> <div style="border: 1px solid black; padding: 5px;"><b>ACCOMPANYING APPLICATIONS PARTS</b><p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p><p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <small>(when there is an assignee)</small> Attorney</p><p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p><p>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations</p><p>13. <input type="checkbox"/> Preliminary Amendment</p><p>14. <input checked="" type="checkbox"/> Return Receipt and Serial Number Postcards (MPEP 503) <small>(Should be specifically itemized)</small></p><p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p><p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p><p>17. <input checked="" type="checkbox"/> Other: <span style="border: 1px solid black; padding: 2px;">Statement Under 37 C.F.R. § 1.821(f); Transmittal Letter under 37 C.F.R. § 1.52.</span></p></div>	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: PCT/US02/09188

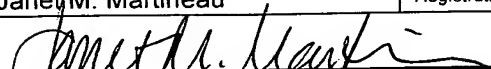
Prior application information: Examiner N/A Art Unit: N/A

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

<b>19. CORRESPONDENCE ADDRESS</b>					
<input checked="" type="checkbox"/> Customer Number: 22195 OR <input type="checkbox"/> Correspondence address below					
Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

Name (Print/Type) Janet M. Martineau		Registration No. (Attorney/Agent) 46,903	
Signature 		Date September 25, 2003	

16018 U.S. PTO  
10/670186

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 906.00

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Craig A. Rosen
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	PS952

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

The Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ ) 750.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
24	-20** = 4	x 18.00 =	72.00
Independent Claims	4	-3** = 1	x 84.00 = 84.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 156.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

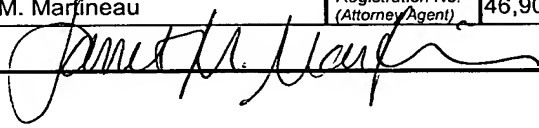
Name (Print/Type) Janet M. Martineau

Registration No. (Attorney/Agent) 46,903

## Complete (if applicable)

Telephone (301) 315-2723

Signature



Date

September 25, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: ROSEN et al.

Application Serial No.: to be assigned

Group Art Unit: to be assigned

Filed: Concurrently herewith

Examiner: to be assigned

For: 379 HUMAN SECRETED PROTEINS

Attorney Docket No.: PS952

**Transmittal Letter under 37 C.F.R. § 1.52**

Mail Stop Sequence  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

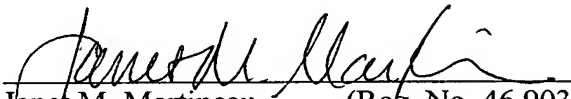
Applicants hereby submit a CD-ROM containing the sequence listing for the above-identified application. Applicants note the following:

1. IBM-PC machine format;
2. MS-Windows operating system compatibility;
3. Sequence listing for PS952 (4.99 MB), created on September 24, 2003.

Applicants have also submitted a courtesy copy of the sequence listing on paper, which Applicants certify is identical to the CRF submitted herein.

Respectfully submitted,

Dated: September 25, 2003

  
Janet M. Martineau (Reg. No. 46,903)  
Attorney for Applicants

**Human Genome Sciences, Inc.**  
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Rockville, MD 20850  
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KKH/JMM/vsr